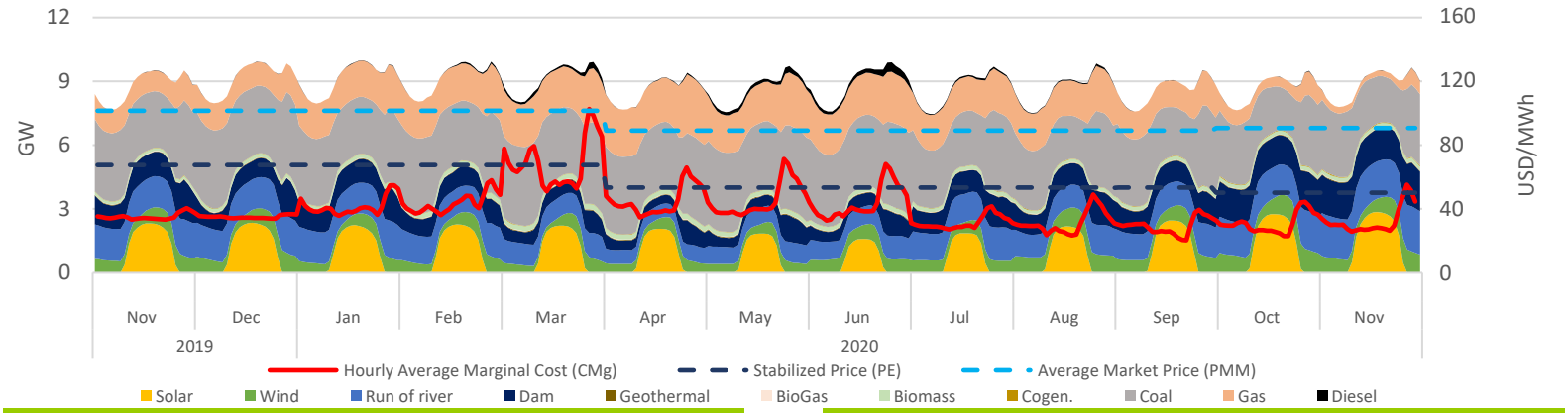
PMG/D Market Report (Chile)

Nov - 2020

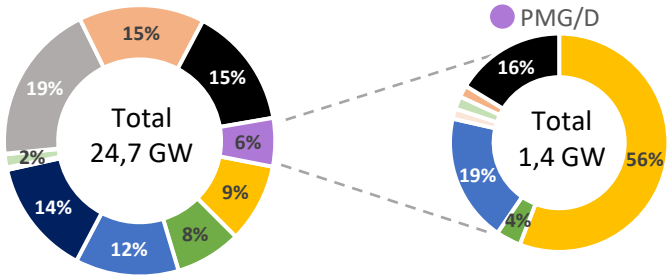
Executive Summary & Highlights

During October, SEN´s installed capacity was 24.718 MW, producing a total of 6,35 TWh, where NCRE technologies represented an 27% of the produced energy (1,74 TWh). It is expected that an additional 10.155 MW come into operation between November 2020 and November 2024, of which 94% are NCRE plants (see "Summary Table - Projects Status"). Regarding the PMG/D segment, which represents 6% (1,4 GW) of SEN´sinstalled capacity, and 5% (0,3 TWh) of the injected energy in the system, where solar stands out with 64% of the generation (193 GWh), followed by hydro with 28% (85 GWh) and wind representing 5% (13 GWh). Finally, the stabilized price mechanism cost above marginal price meant a systemic cost of MMUSD 6,6; cost that was distributed among Solar, Hydraulic and Wind generation plants as 5,5, 0,8 and 0,3 MMUSD respectively.

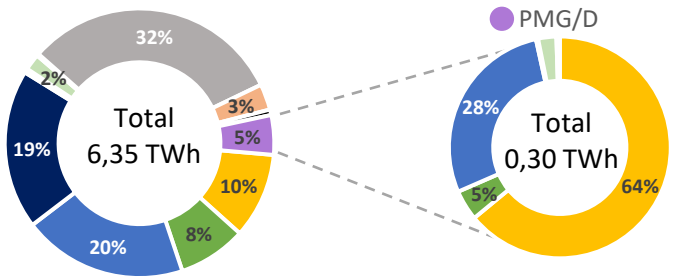
SEN Daily Hourly Average Technology Mix Production, and Alto Jahuel's Prices



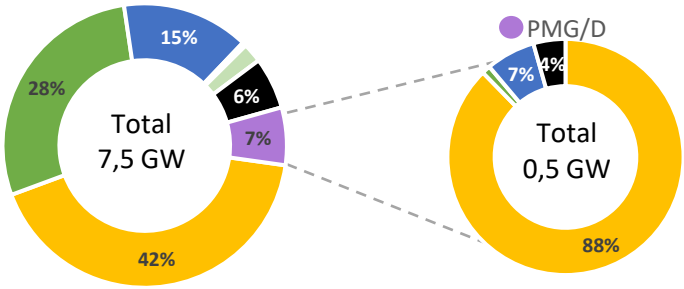
SEN's Installed Capacity [2] [8]



SEN's Generation [3]



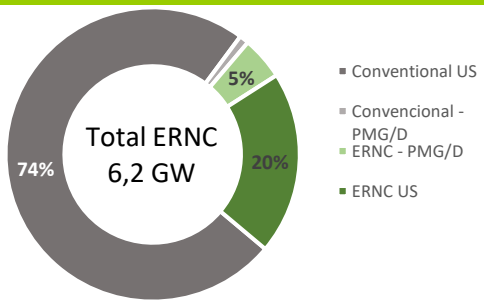
Projects Under Construction [4]



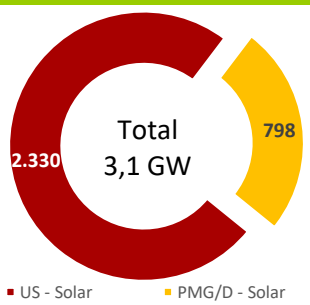
Summary Table – Project Status

Technology MW	Commissioning Stage [2]	Under Construction	Environmental Approved [5]	Environmental Undergoing [6]
Solar	133	3.596	1.043	758
Wind	500	2.130	0	36
Run of river	18	1.120	0	0
Geotérmica	0	33	0	0
Biomass	3	166	0	0
BioGas	3	0	0	0
Gas	26	0	0	0
Diesel	113	464	9	0
Total	797	7.508	1.052	794

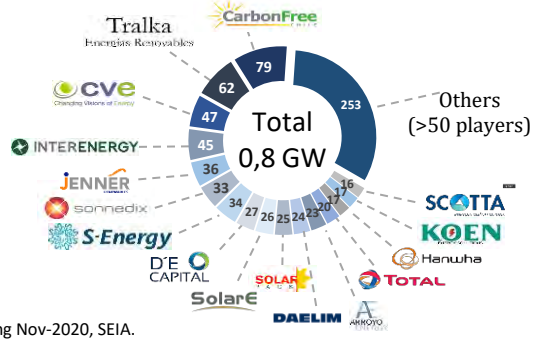
ERNC Installed Capacity [2]



Solar Installed Capacity [2]



Solar PMG/D Operating Projects Market Share [7]



[1] NCRE: Non Conventional Renewable Energy.
[2] Installed Capacity, CNE Nov 2020.
[3] SEN's operation reports, CEN Nov 2020.
[4] Projects under construction, CNE Nov 2020.
[5] Projects approved during Nov-2020, SEIA.
[6] Projects Currently being Evaluated, Nov-2020, SEIA.
[7] Based on public information.

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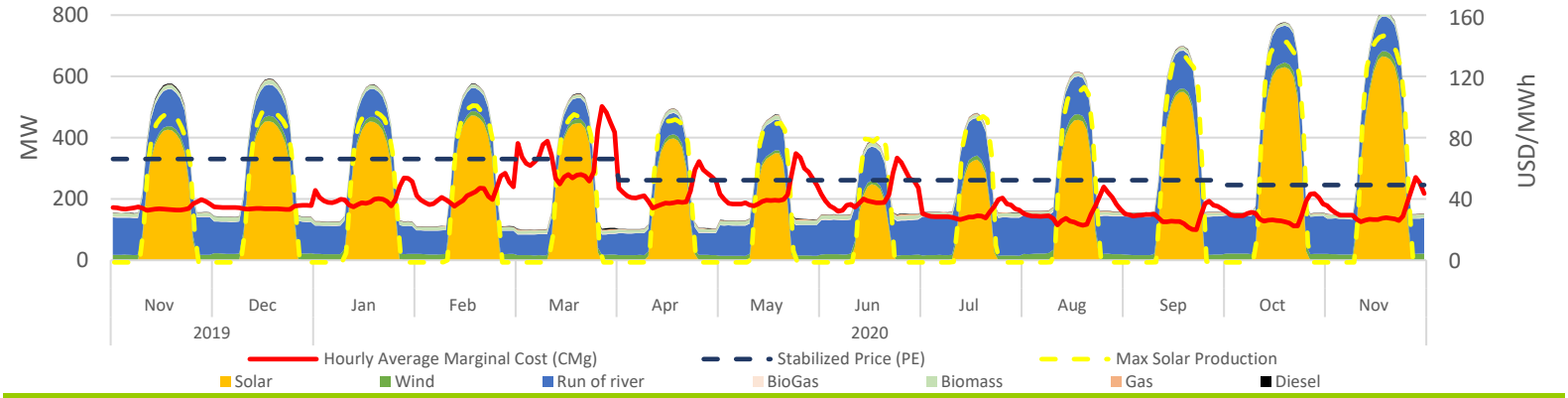
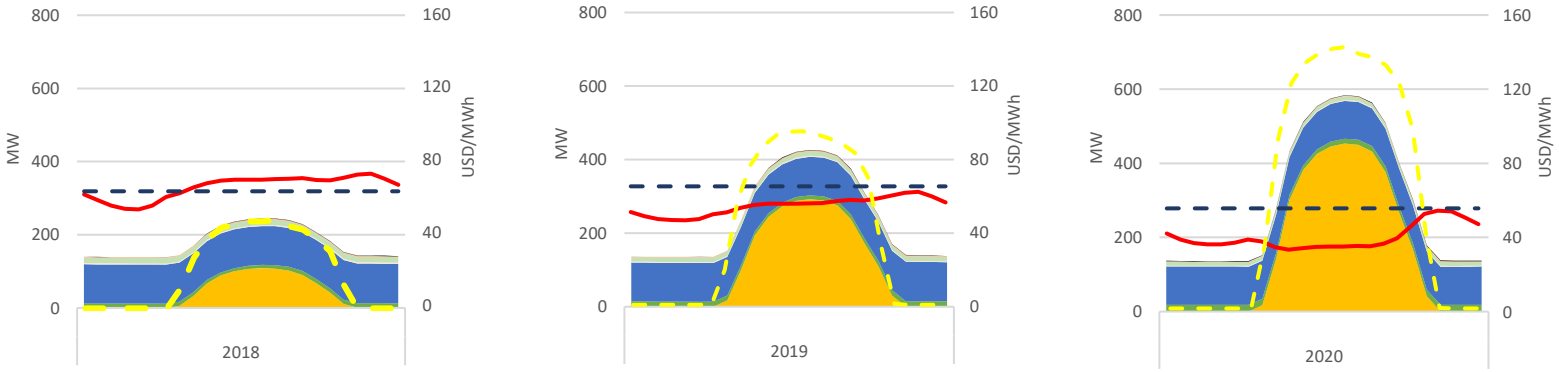
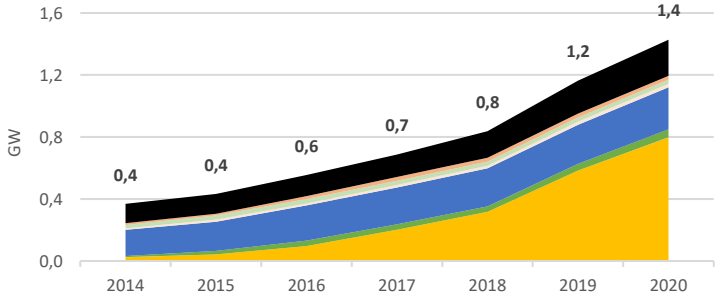
PMG/D Daily Hourly Average Production and Alto Jahuel's Prices



PMG/D Daily Hourly Average Production and Alto Jahuel's Prices

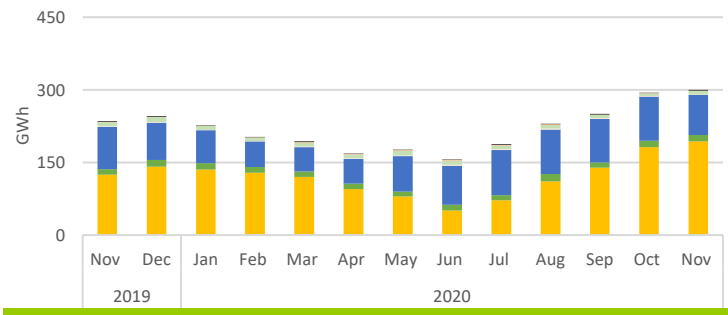


Installed Capacity by Technology



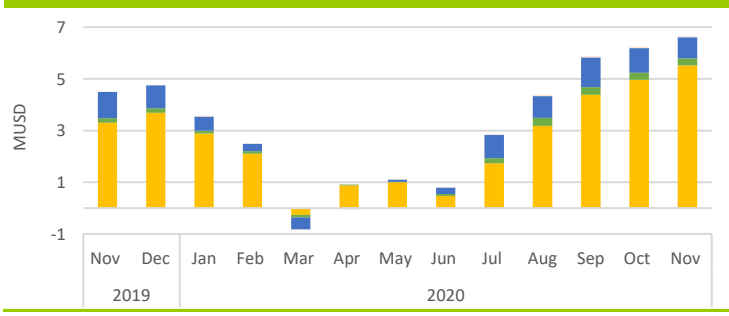
Technology MW	Nov-19	Oct-20 [8]	Nov-20	Nov-20 - Oct-20 Var. %
Solar	555	718	798	11%
Wind	44	53	53	0%
Run of river	248	271	271	0%
Biomass	27	27	27	0%
BioGas	21	22	22	0%
Gas	25	25	25	0%
Diesel	203	217	233	7%
Total	1.123	1.332	1.428	7%

Generation by Technology



Technology GWh	Nov-19	Oct-20 [8]	Nov-20	Nov-20 - Oct-20 Var. %
Solar	125	183	193	6%
Wind	11	13	13	0%
Run of river	88	92	85	-8%
Biomass	9	5	8	54%
BioGas	2	1	1	-31%
Gas	1	1	1	-2%
Diesel	1	1	1	-8%
Total	237	297	302	2%

Stabilized Price Mechanism Cost



Technology kUSD	Nov-19	Oct-20	Nov-20	Nov-20 - Oct-20 Var. %
Solar	3.307	4.963	5.525	11%
Wind	167	273	268	-2%
Run of river	1.014	956	820	-14%
Biomass	0	0	0	0%
BioGas	2	45	36	-20%
Gas	0	0	0	0%
Diesel	0	0	0	0%
Total	4.489	6.237	6.649	7%

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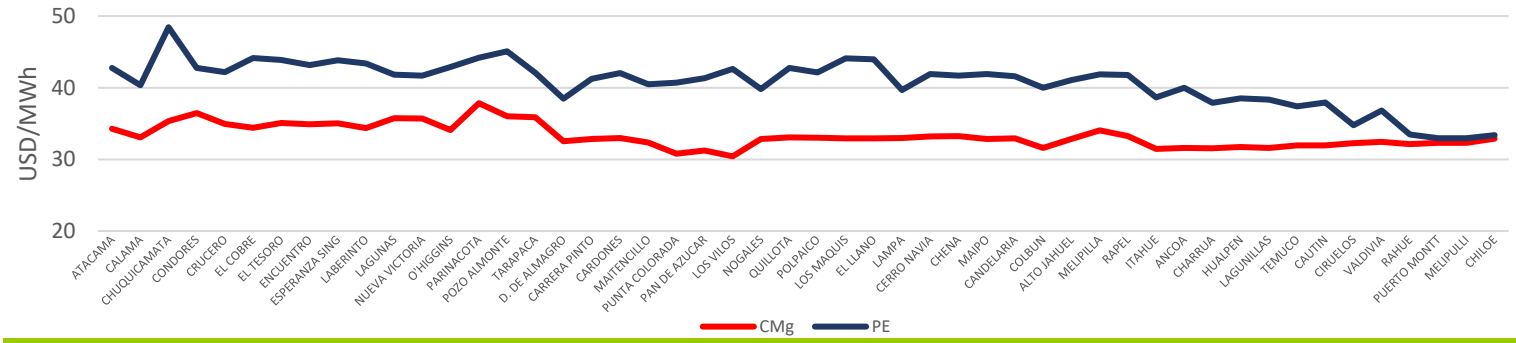
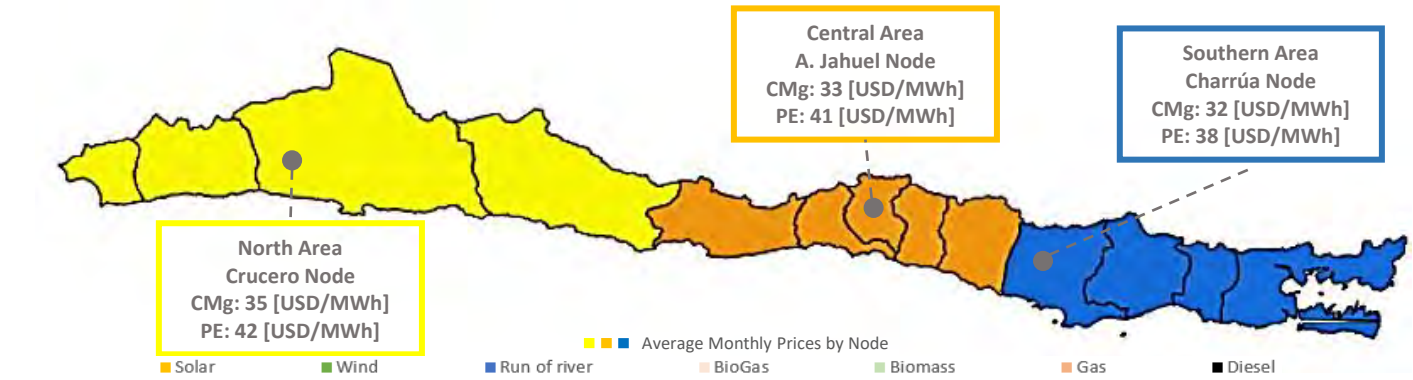
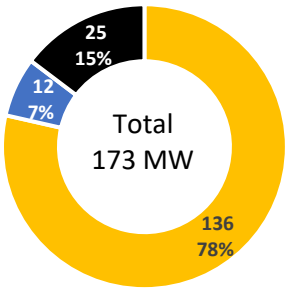
Average Monthly Prices by Node

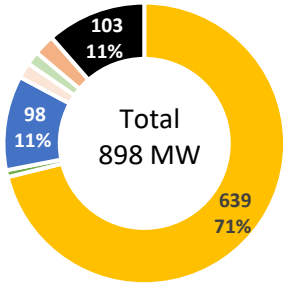


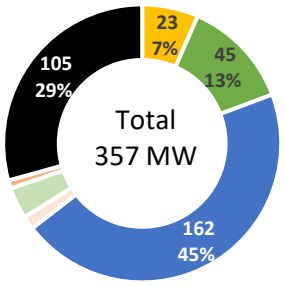
SEN's November - 2020 Average Prices by Node and Geographic Area



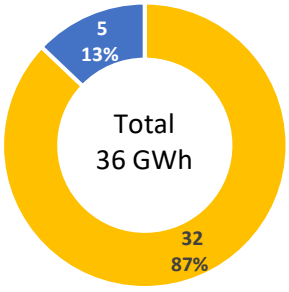
PMG/D Installed Capacity by Geographic Area

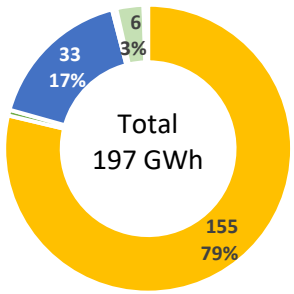


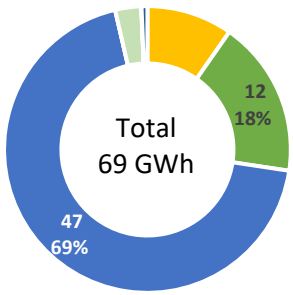




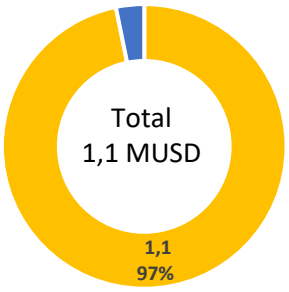
PMG/D Generation by Geographic Area

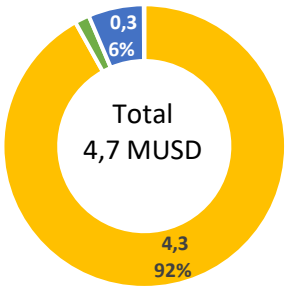


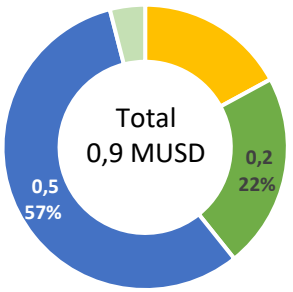




PMG/D Stabilized Price Mechanism Cost by Geographic Area







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